

AMENDMENTS TO THE SPECIFICATION:

Please amend the Abstract on page 20 (which was added via the previous Preliminary Amendment), as follows:

A controller includes a control circuit. The control circuit includes a forward path that includes an input and an output, a feedback path coupled to the output and to the input, and a sensor that is ~~in the forward path~~ between the input and the output. The sensor generates a sensor signal based on an input signal applied to the input. The forward path generates an output signal based on the sensor signal. The output signal is sent along the feedback path to the input of the forward path. The controller also includes a detector that obtains an intermediate signal from the forward path between the input and the output. The detector generates a control signal using the intermediate signal. The forward path includes a control device that limits the output signal to a predetermined value. The detector controls the control device using the control signal.